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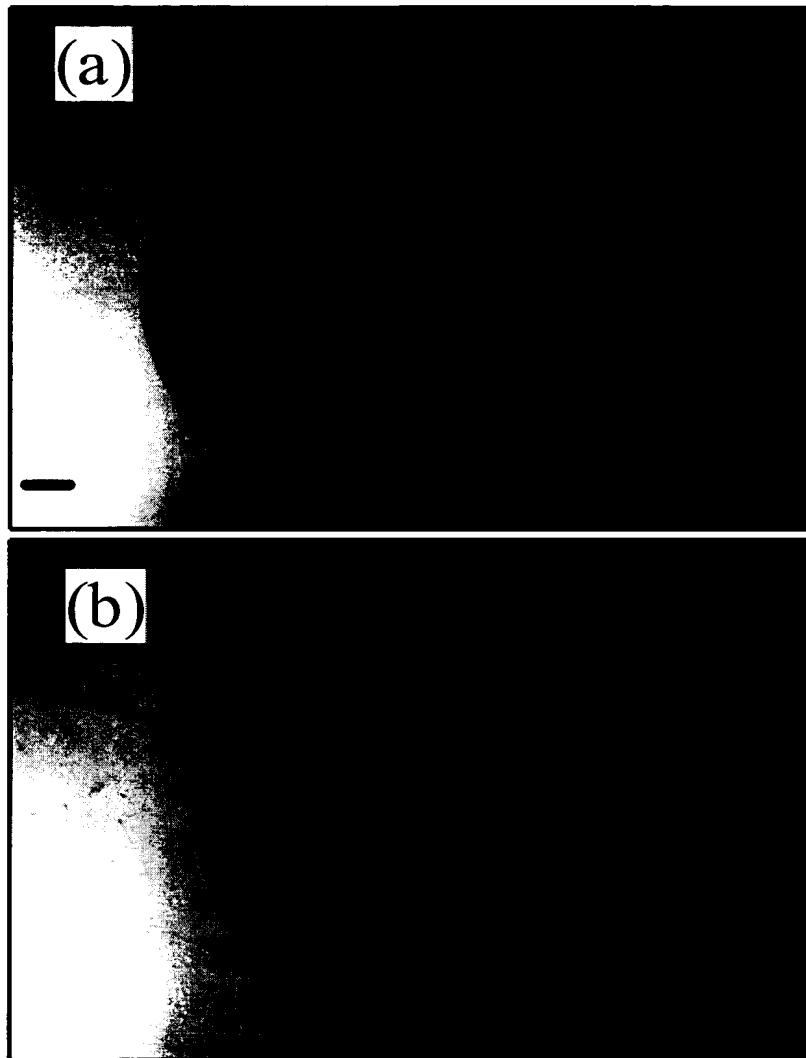


FIG. 1

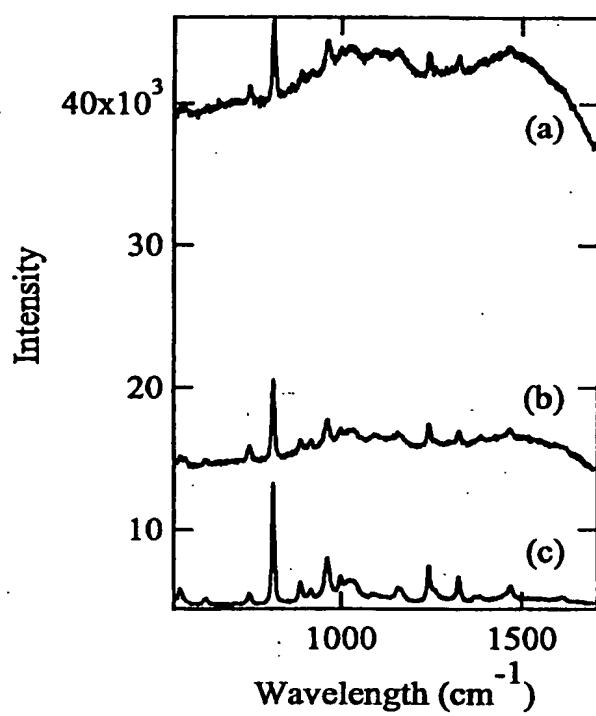


FIG. 2

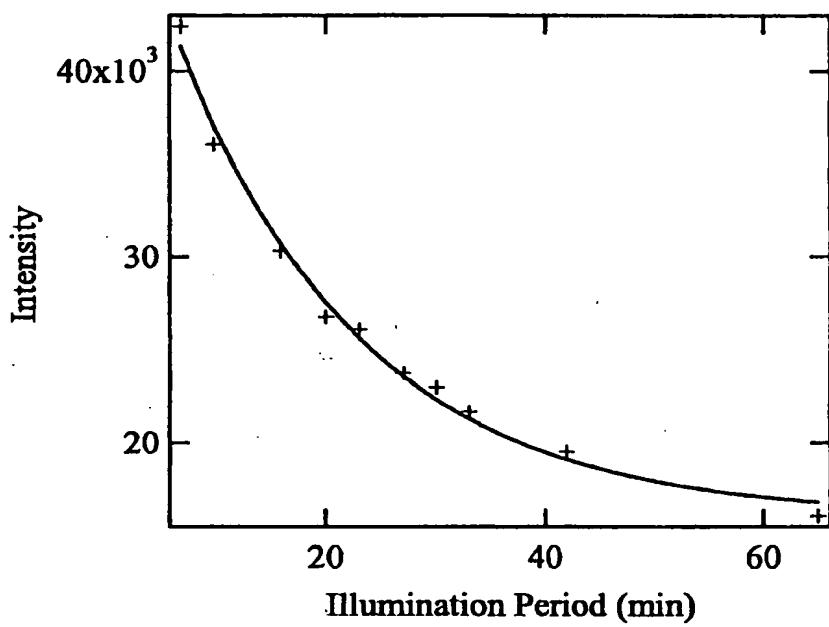


FIG. 3

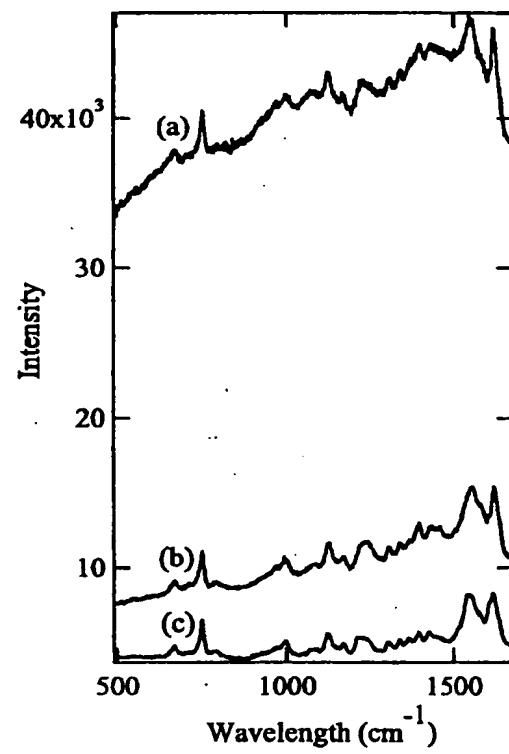


FIG. 4

Fig. 5A

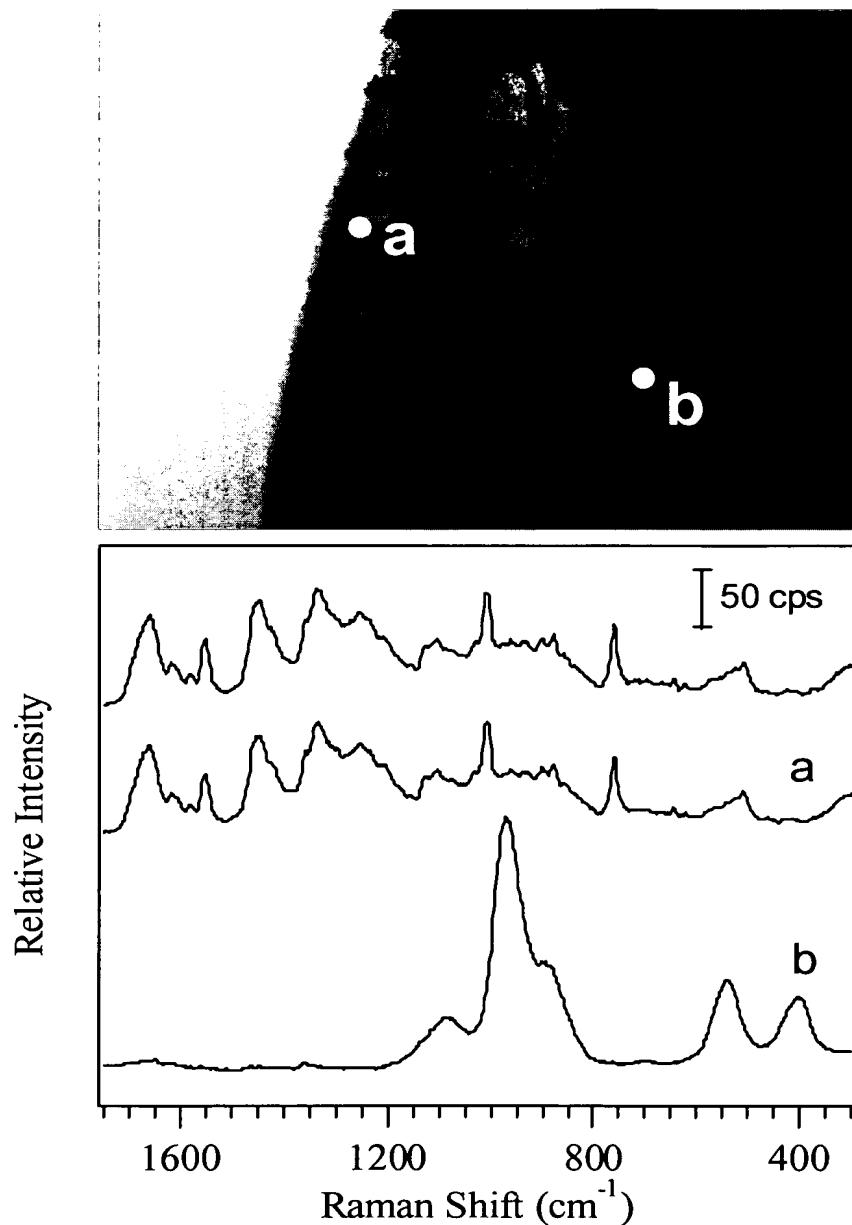


Fig. 5B

Fig. 6A

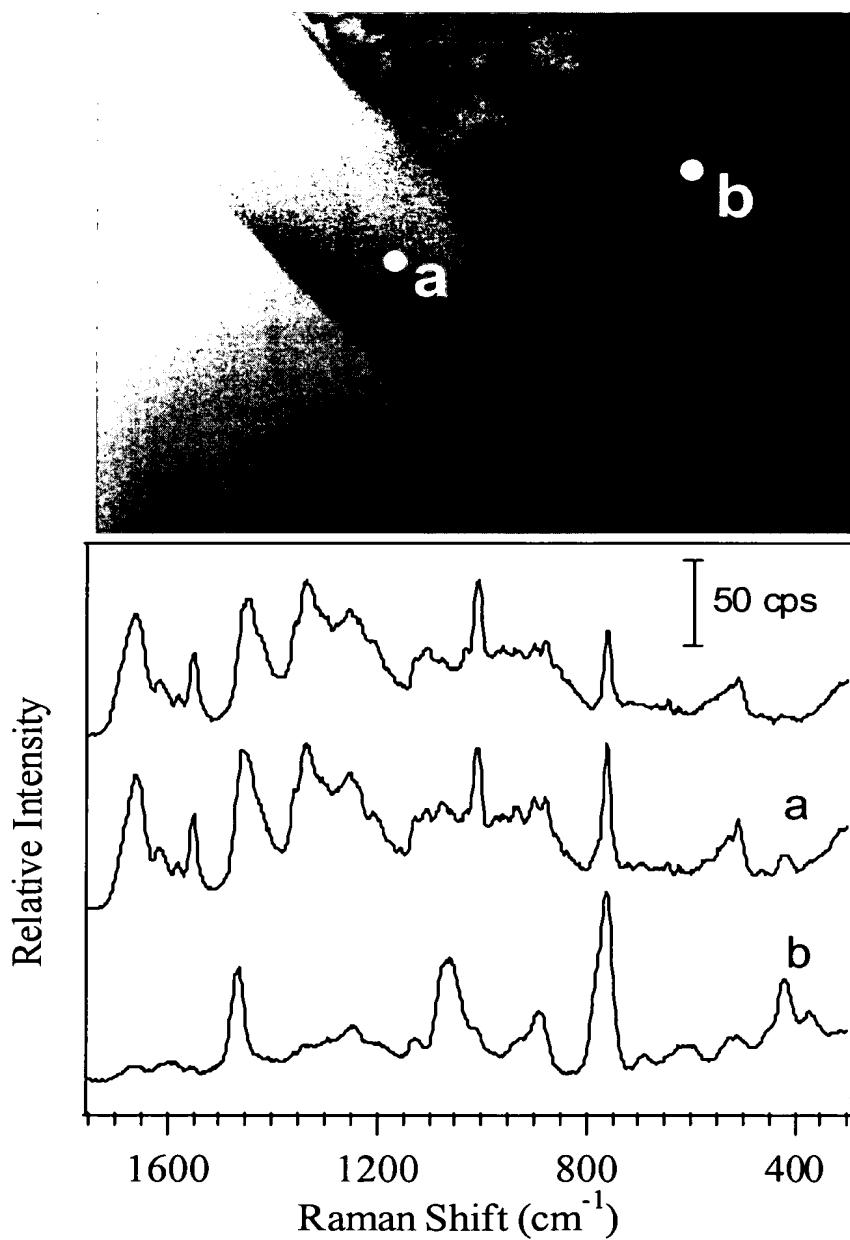


Fig. 6B

Fig. 7A

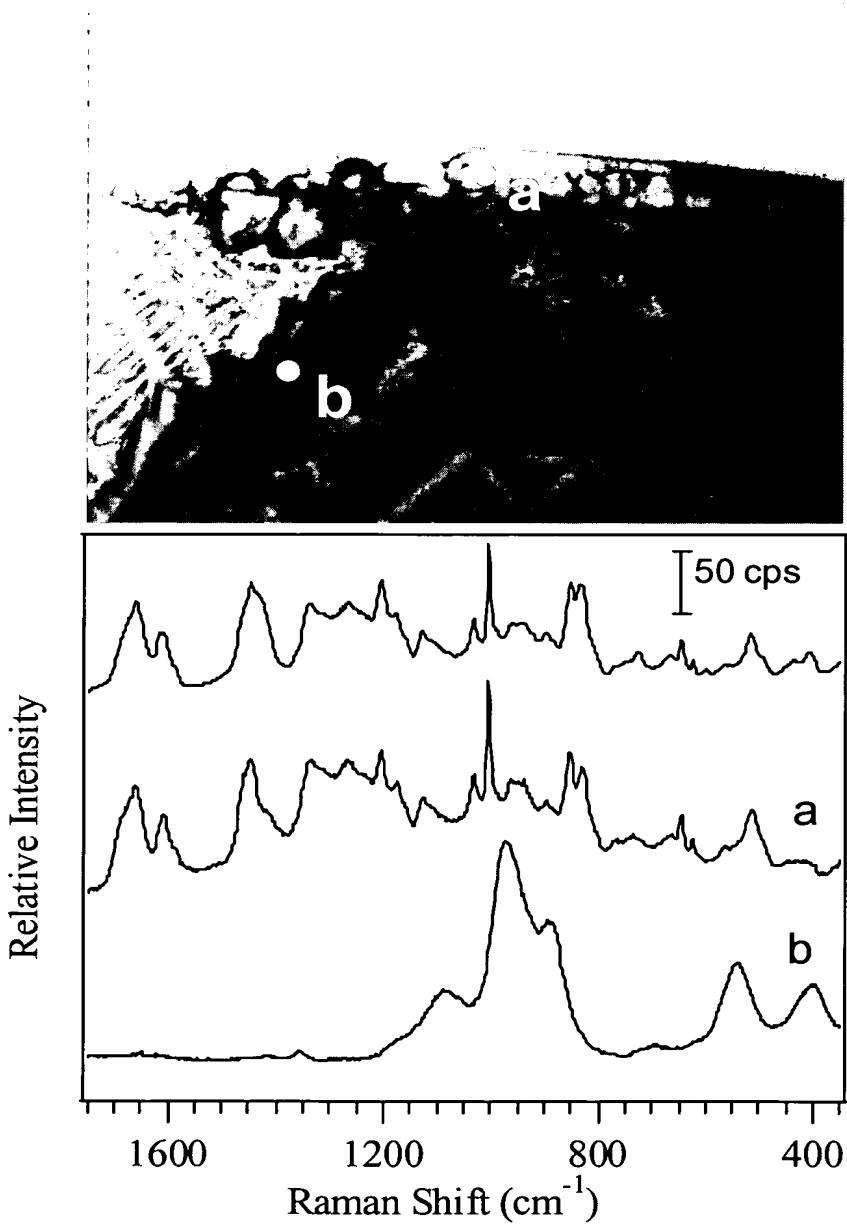


Fig. 7B

Fig. 8A

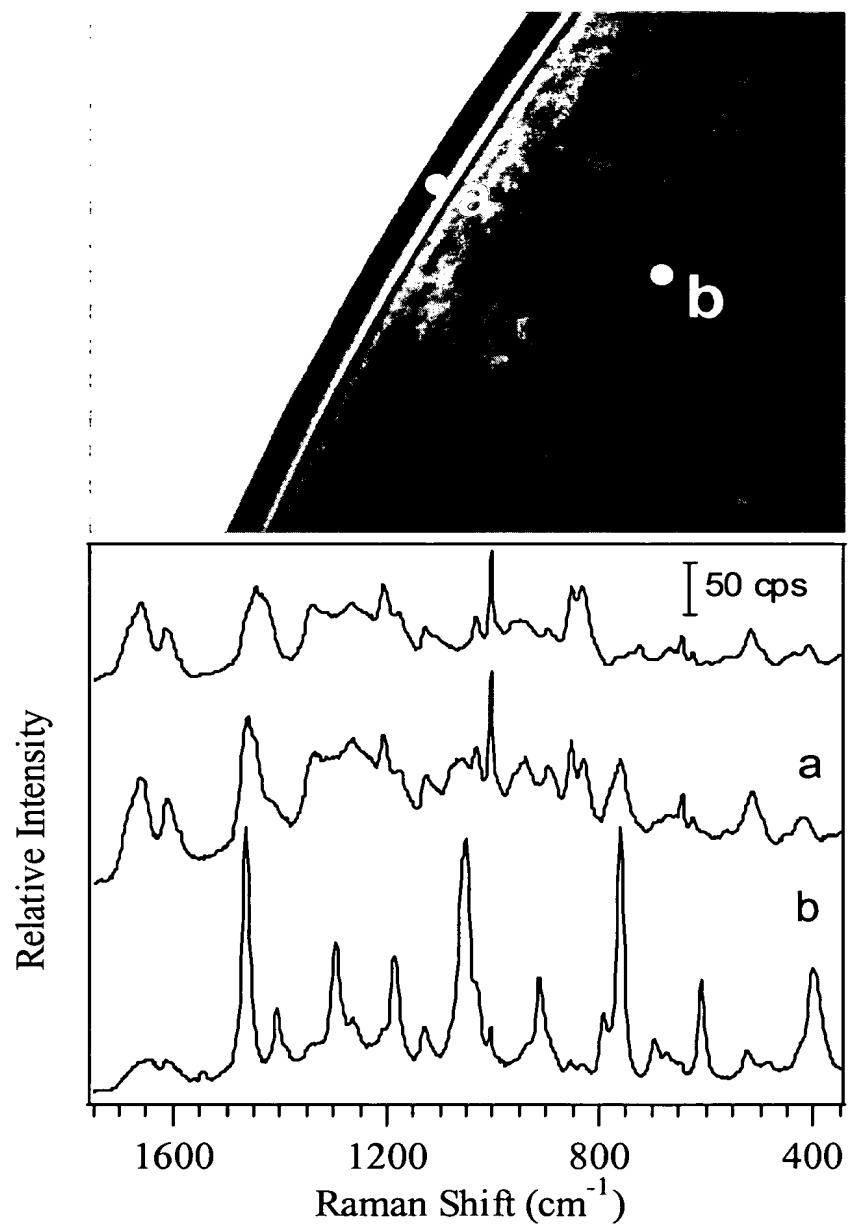


Fig. 8B

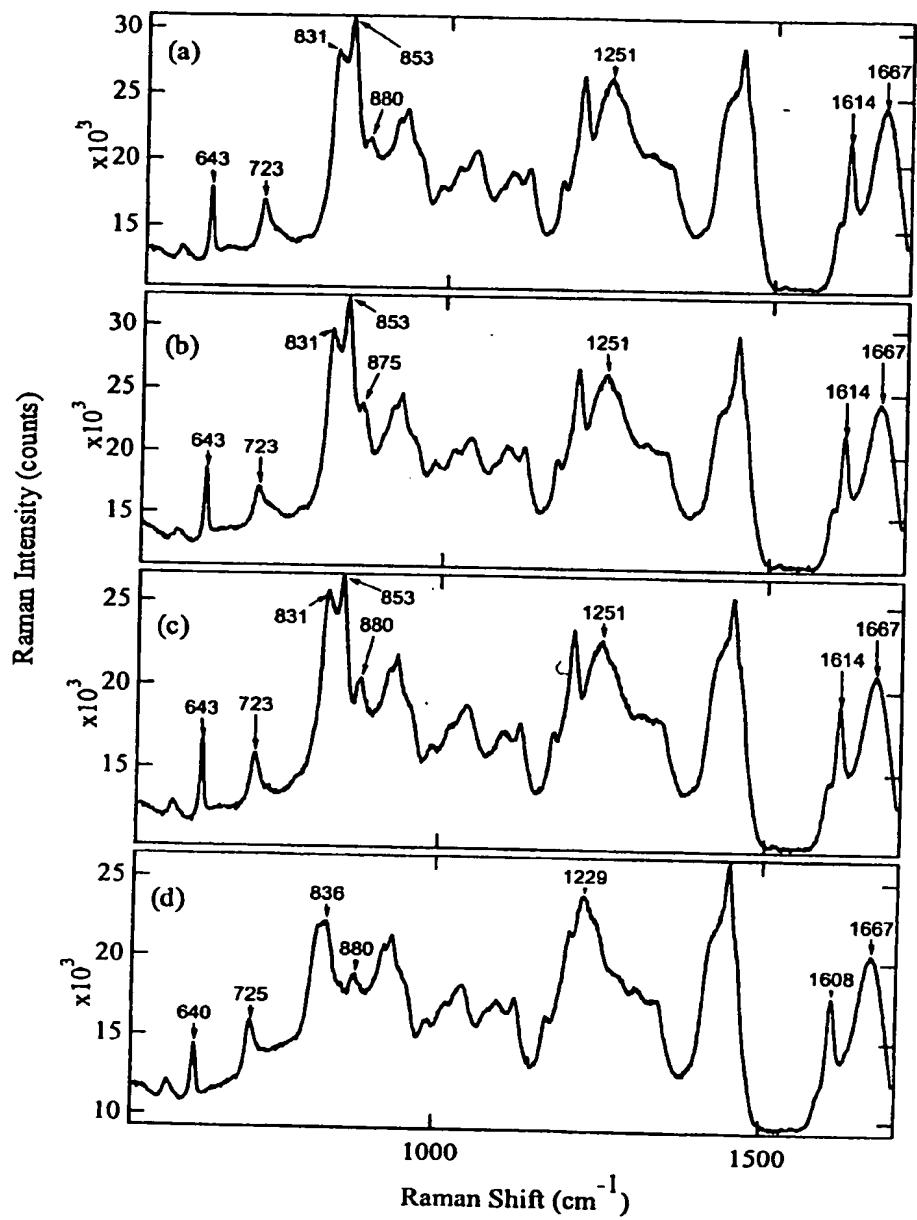


FIG. 9

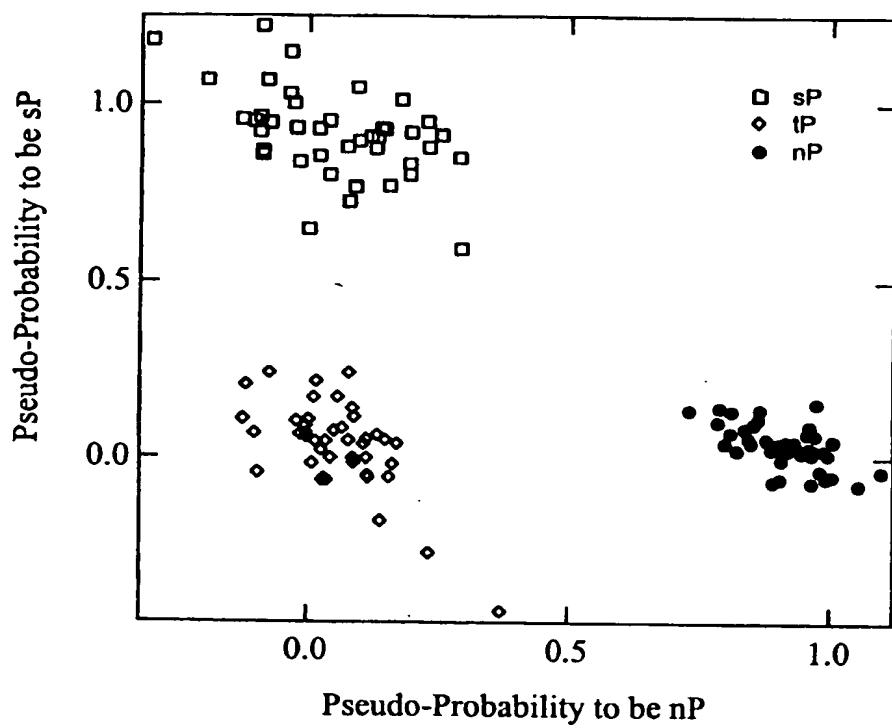


FIG. 10

FIG. 11A

1 MGSNKS PKD ASQRRRSLEP AENVHGAGGG AFPASQTPSK PASADGH RGP SAAFPAPAAA
61 P KLFGGFPNSS DTVTSPQRAG PLAGGVTTPV ALYDYESRTE TDLSFKKGER LQIVNNTEGD
121 W WLAHSLSTG QTGYIPS NYV APSDSIQAEE W YPGKITRRE SERLLLNAEN PRGTFLVRES
181 ETTKGAYCLS VSDFDNAKGL NVKHYKIRKL DSGGFYITSR T QPNSLQQLV AYYSKHADGL
241 C HRLTTVCPT SKPQTQGLAK DAEWIPRESL RLEVKGQGC FGEVWMGTWN GTTRVAIKTL
301 KPGTMSPEAF LQEAQVMKKL RHEKLVQLYA VVSBEPIYIV TEYMSKGSL DFLKGETGKY
361 LRLPQLVDMA AQIASGMAYV ERMNYVHRDL RAANILVGEN LVCKVADFGL ARLIEDNBYT
421 ARQGAKFPIK WTAPEAALYG RFTIKSDVWS PGILLTELTT KGRVPYPGMV NREVLDQVER
481 GYRMPCCPPEC PESLHDLMCQ CWRKEPEERP TFBYLQAFLE DYFTSTEPQY QPGENL

FIG. 11B

- (1) Src Y-216[210-220]: LDSGGFYITSR
Src pY216[210-220]: LDSGGF(pY)ITSR

- (2) Src Y-419[413-422]: LIEDNEYTAR
Src pY419[413-422]: LIEDNE(pY)TAR

- (3) Src Y-530[505-536]: EPEERPTFEYLQAFLEDYFTSTEPQYQPGENL
Src pY-530[505-536]: EPEERPTFEYLQAFLEDYFTSTEPQ(pY)QPGENL

- (4) Src Y-530[524-536]: TSTEPQYQPGENL
Src pY-530[524-536]: TSTEPQ(pY)QPGENL

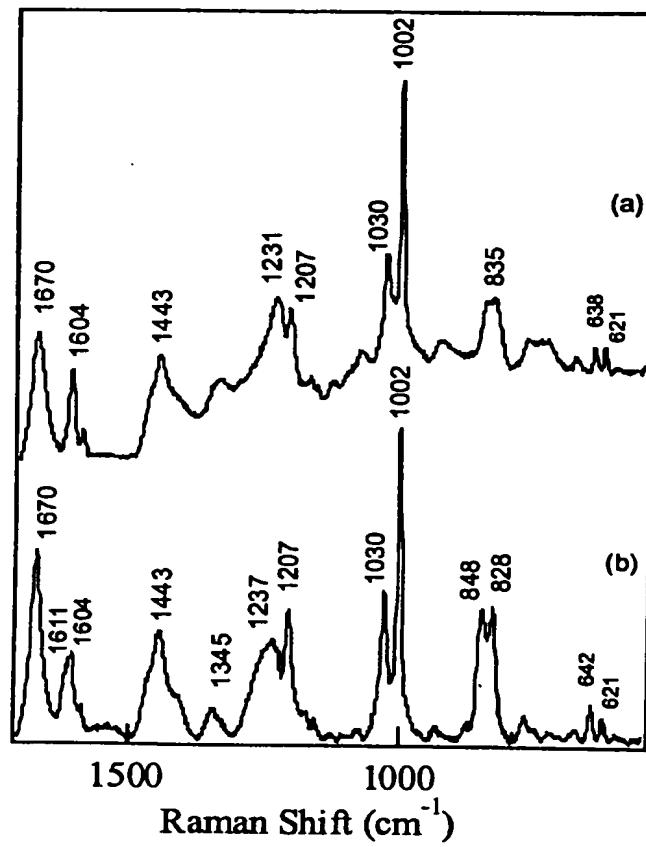


FIG. 12

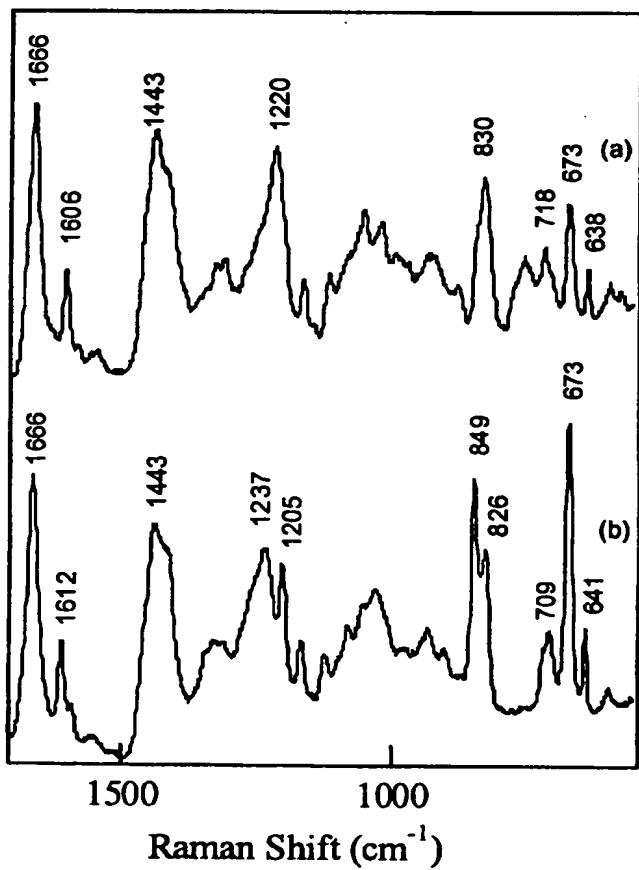


FIG. 13

Title: PROCESS AND APPARATUS FOR SEGREGATION AND TESTING BY
SPECTRAL ANALYSIS OF SOLID DEPOSITS DERIVED FROM LIQUID
MIXTURES
Inventors: Dongmei Zhang, et al
Atty Docket: 12264/017

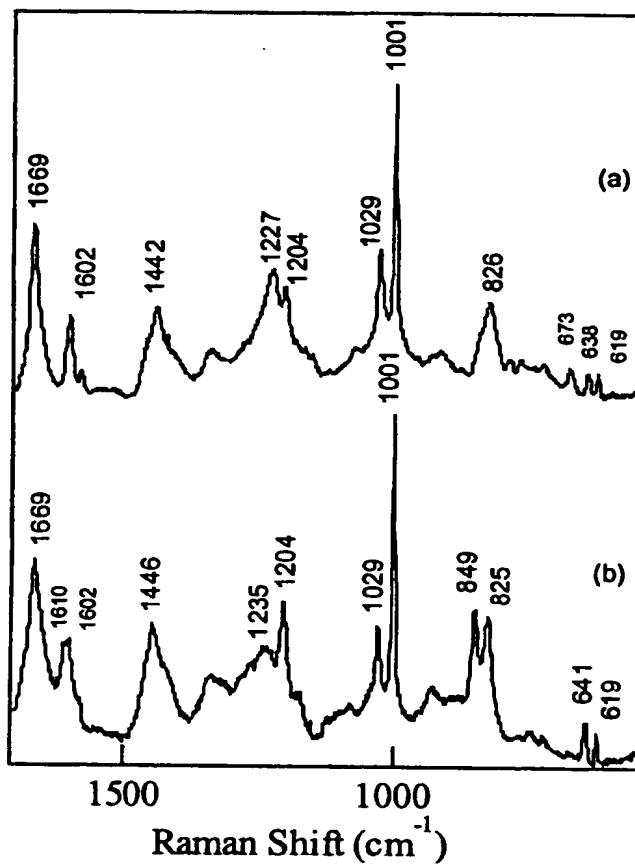


FIG. 14

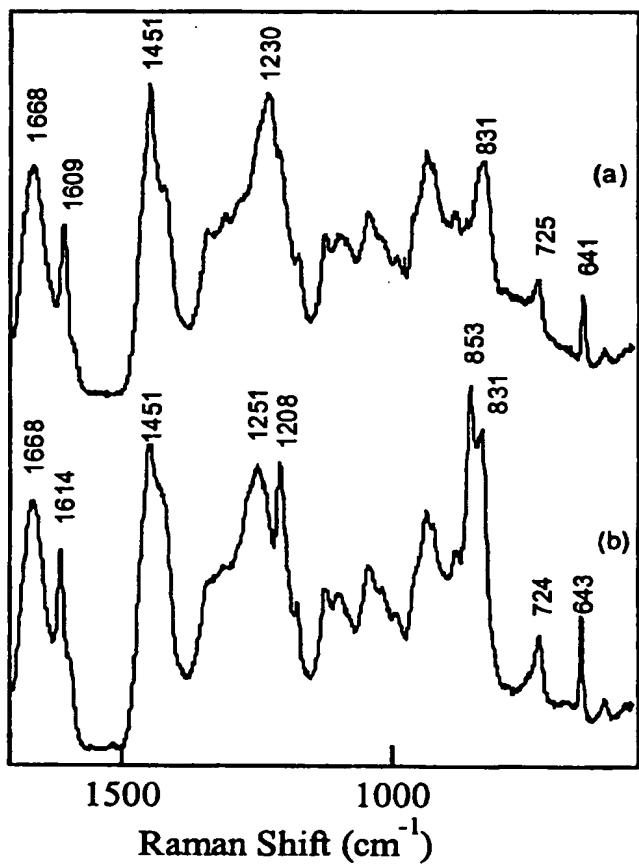


FIG. 15

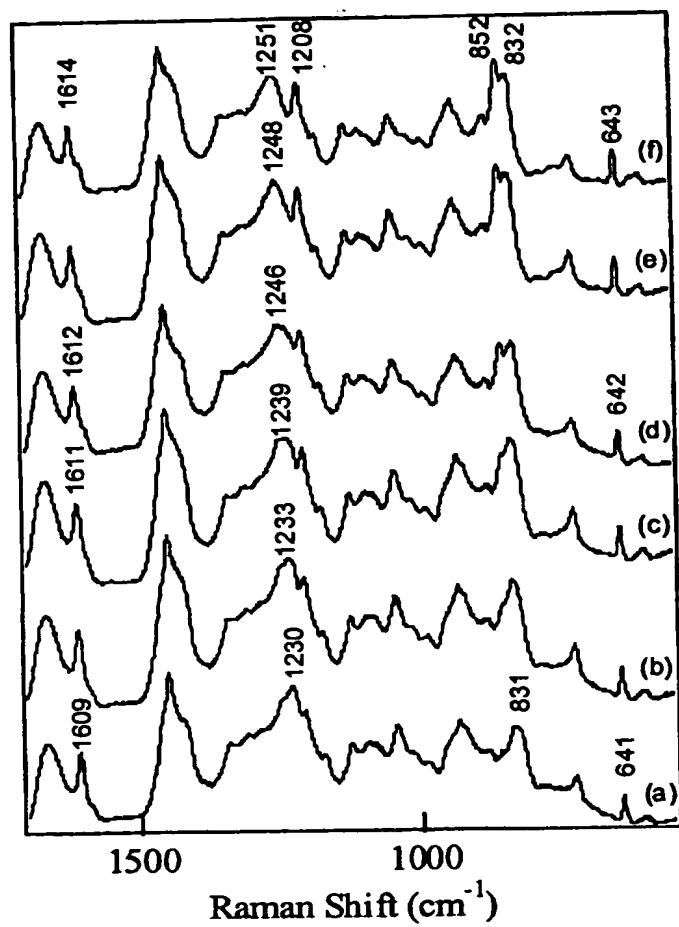


FIG. 16

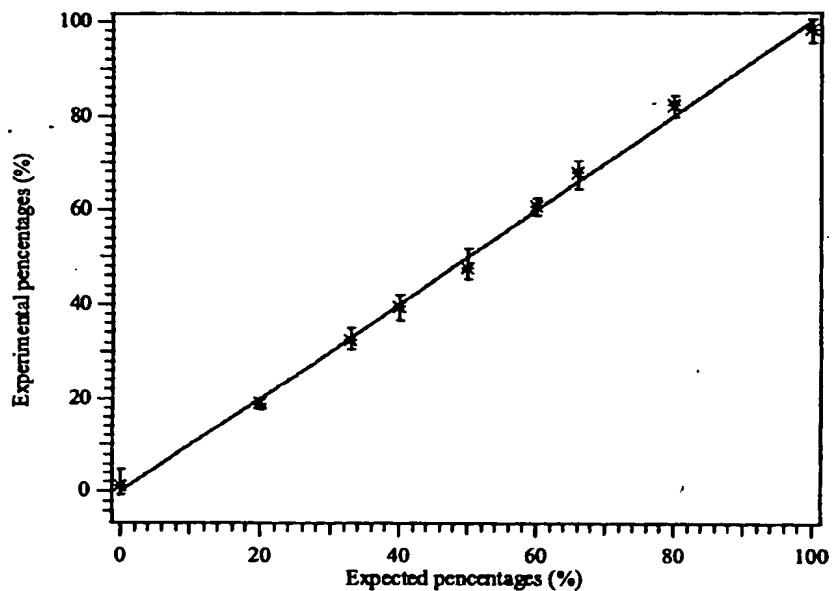


FIG. 17

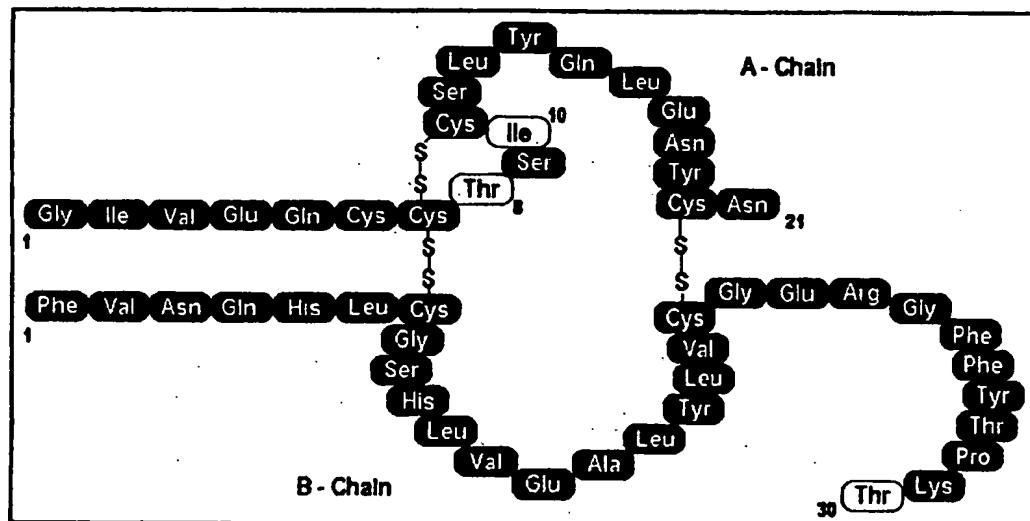


FIG. 18

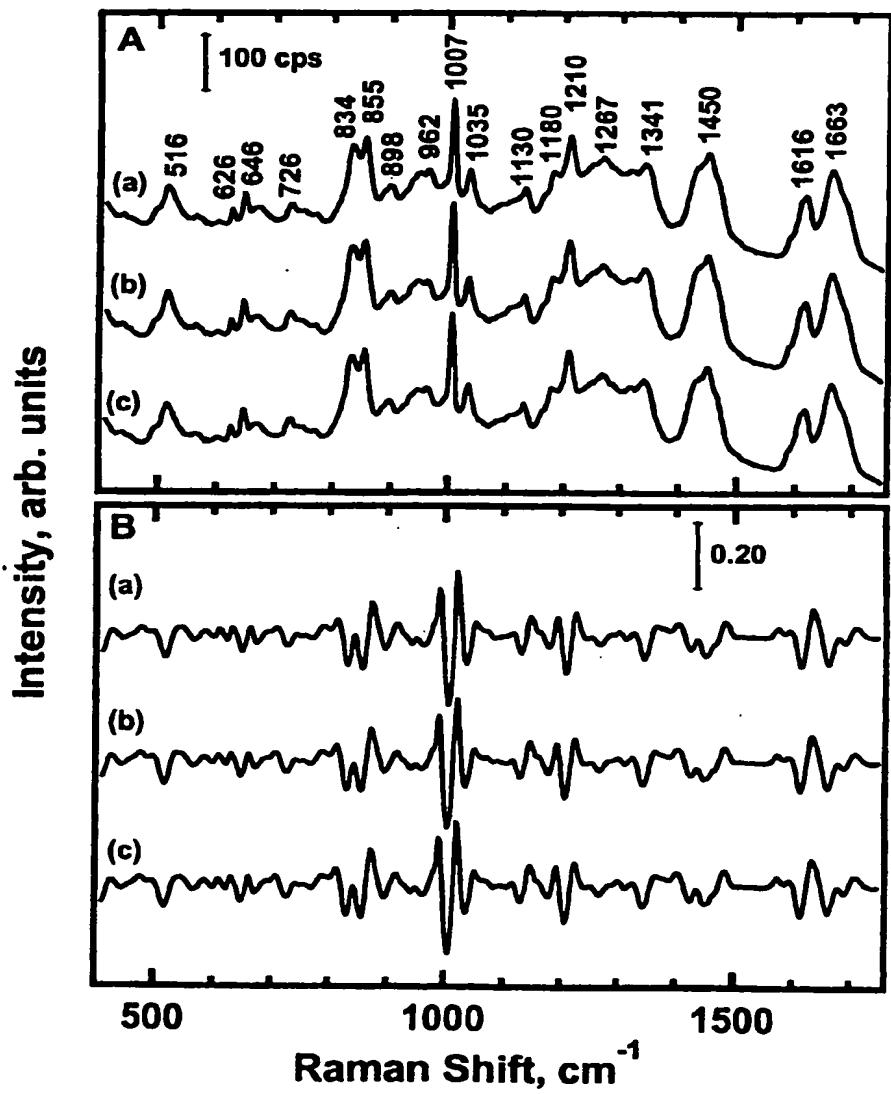


FIG. 19

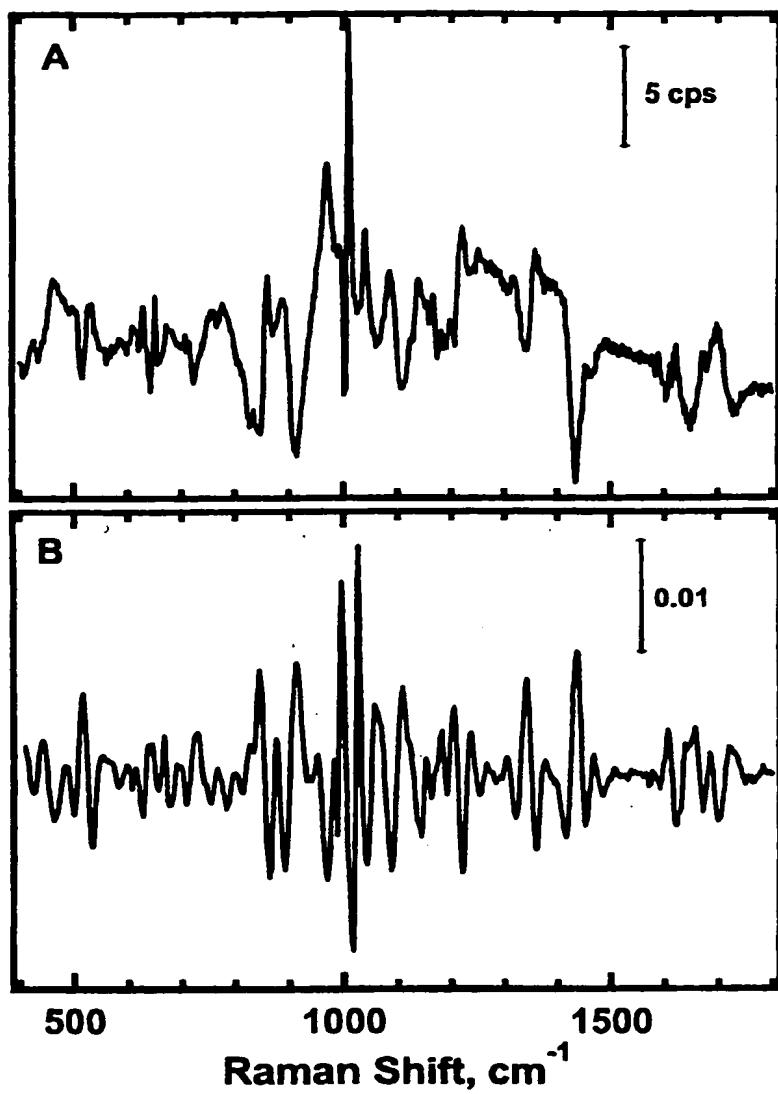


FIG. 20

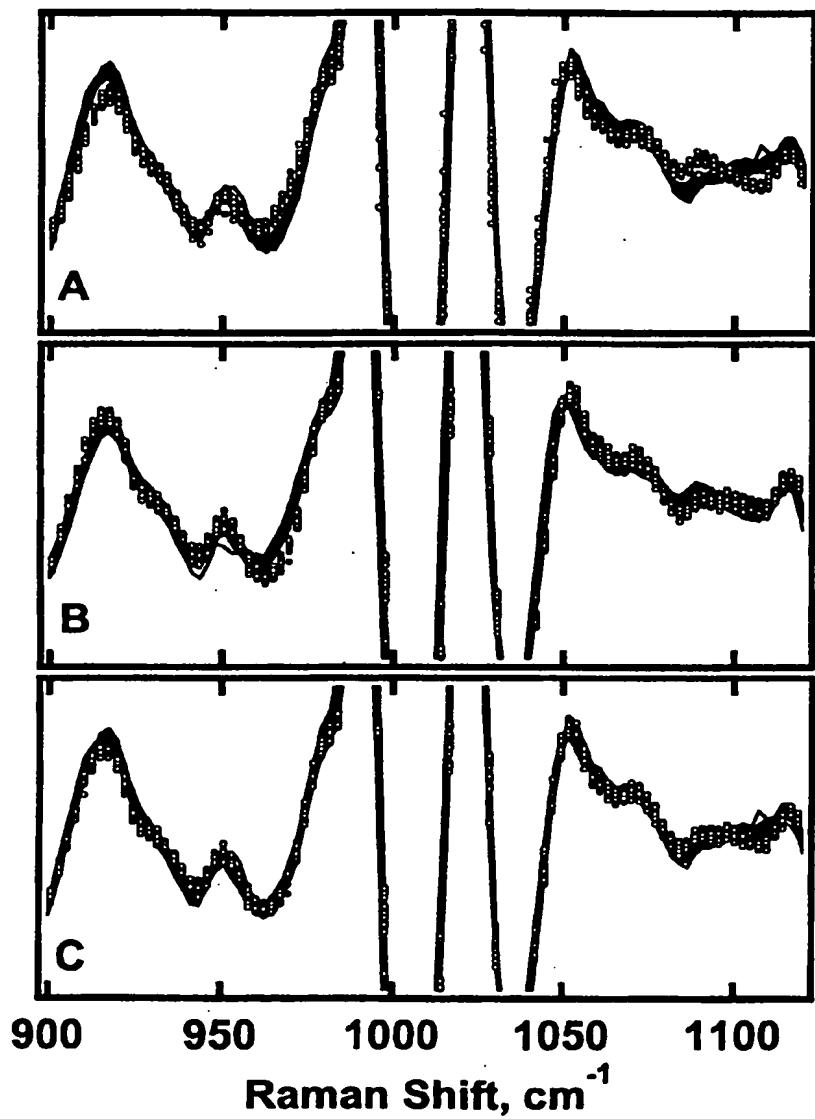
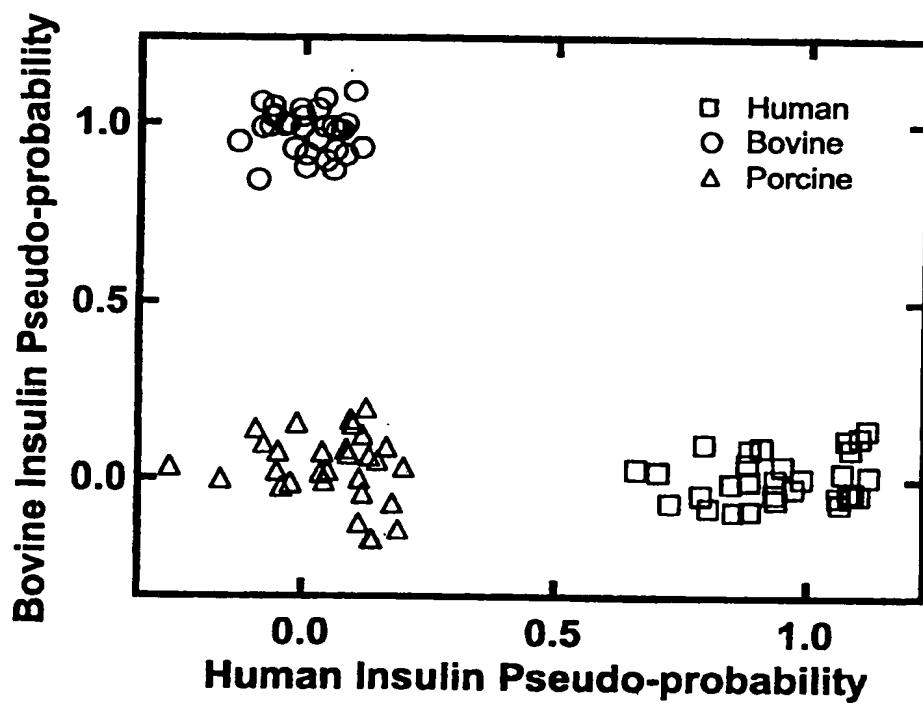


FIG. 21



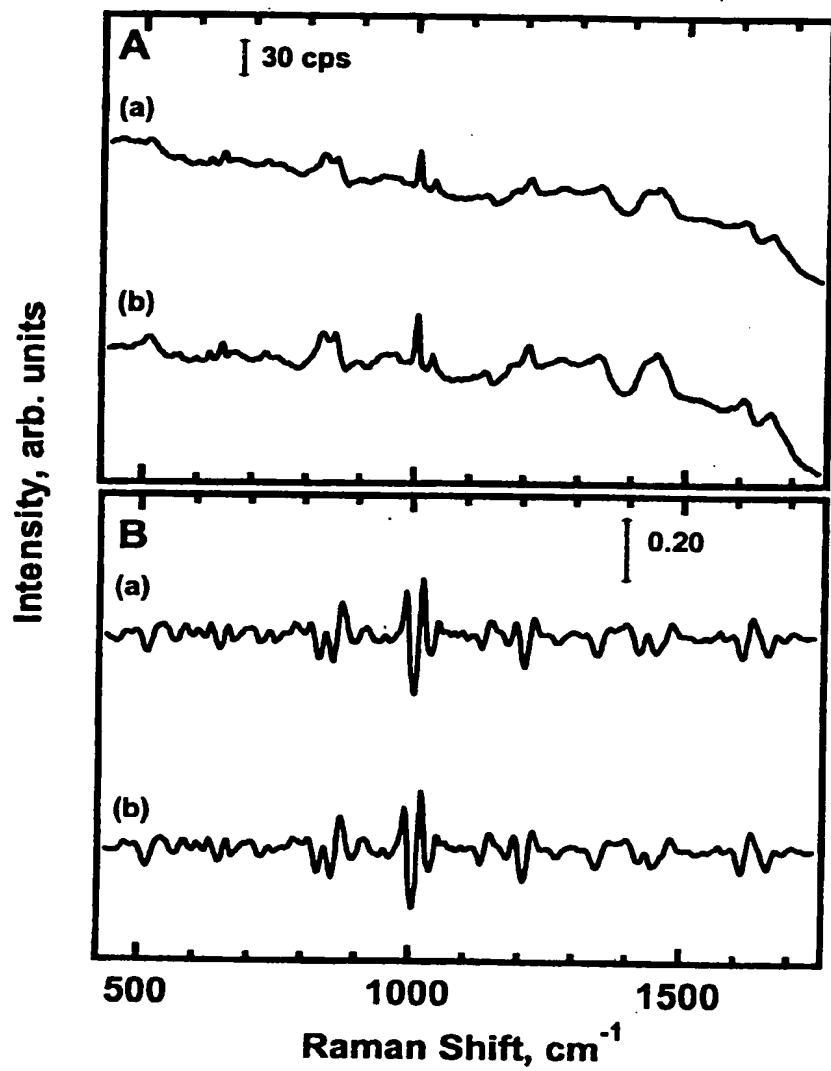


FIG. 23

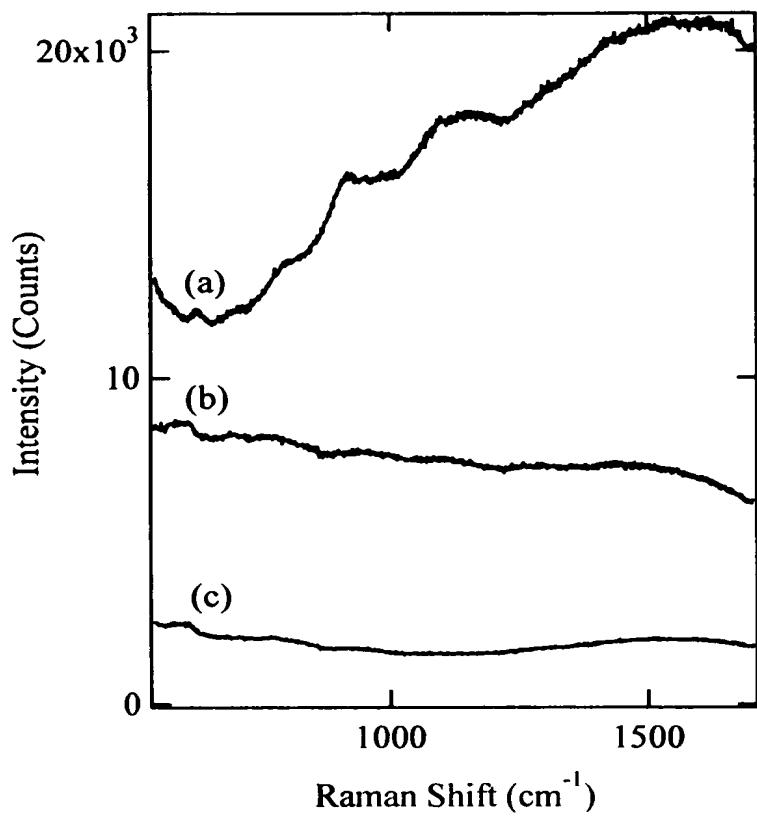


FIG. 24

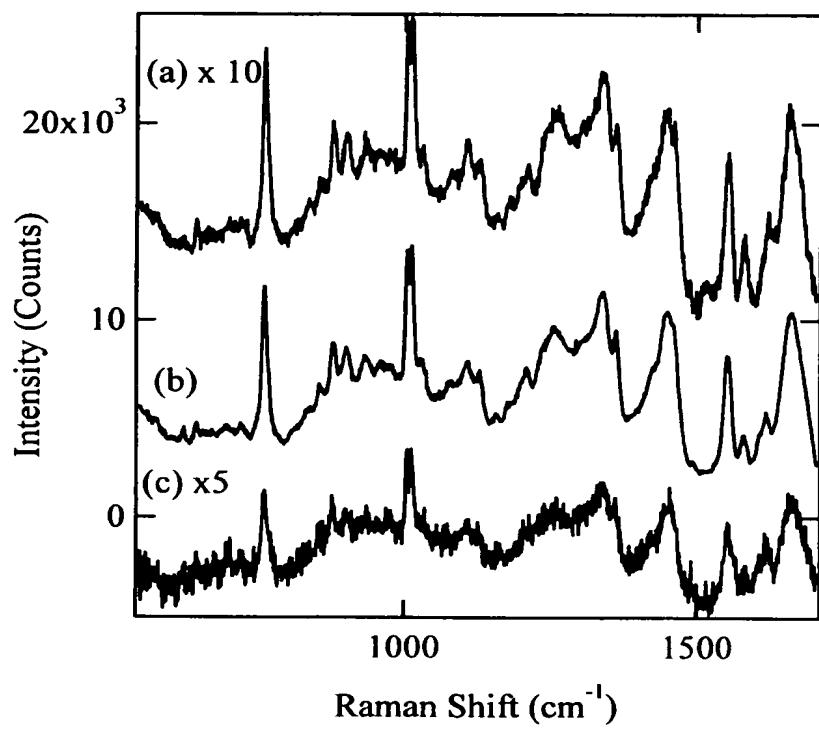
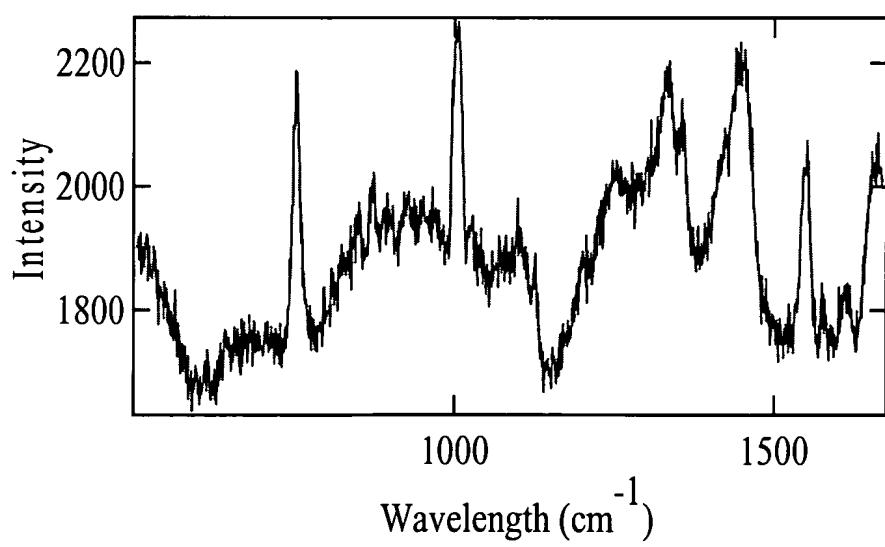
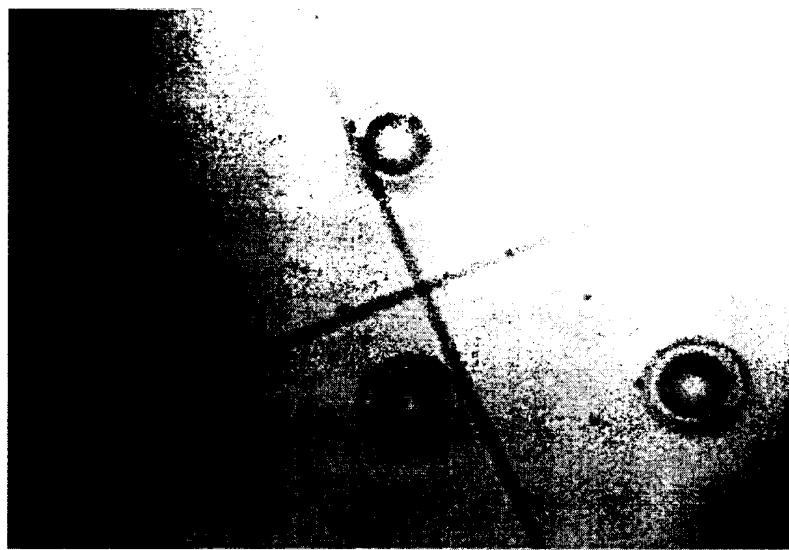


FIG. 25

FIG. 26
A



B

FIG. 27
A VISIBLE
B INFRARED

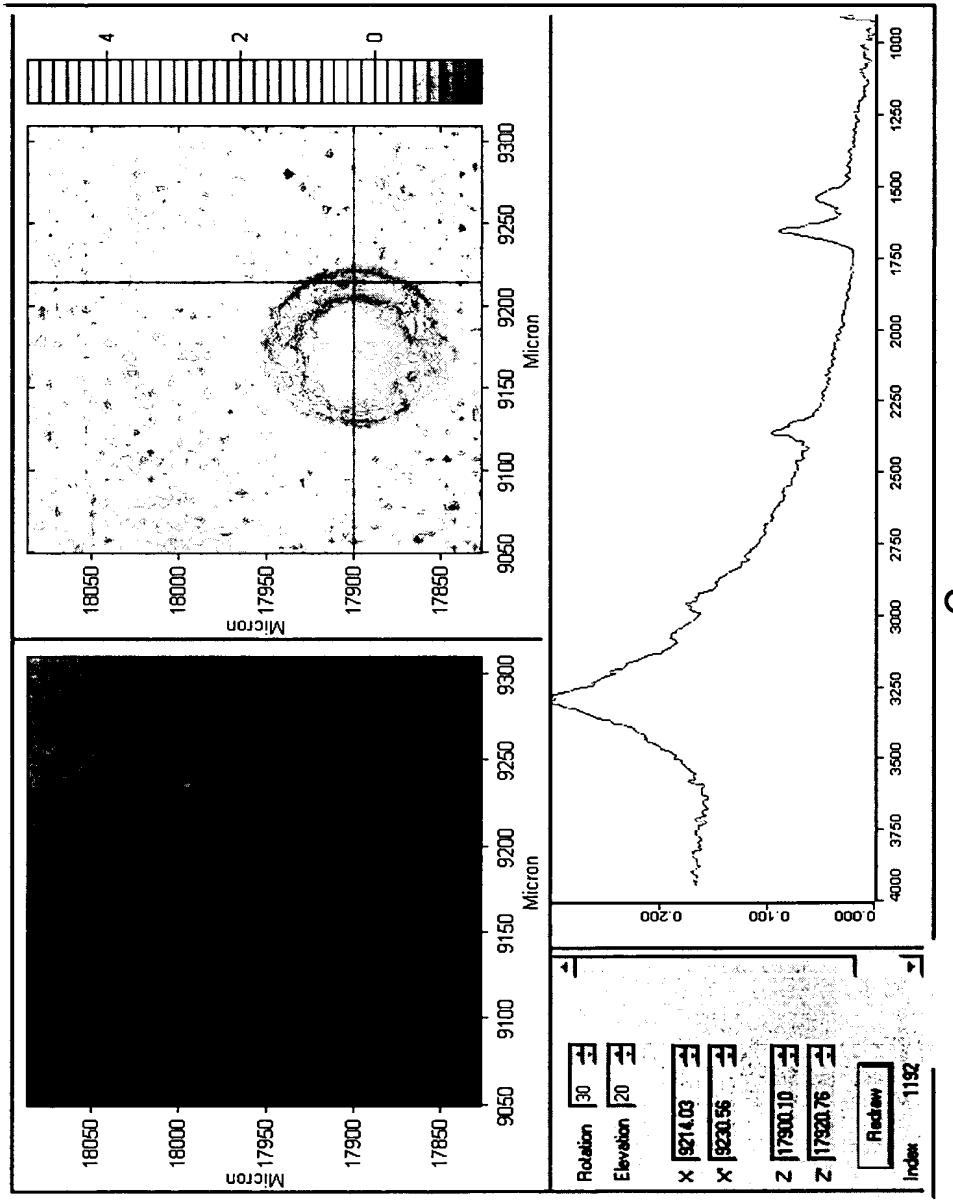


Fig. 28A

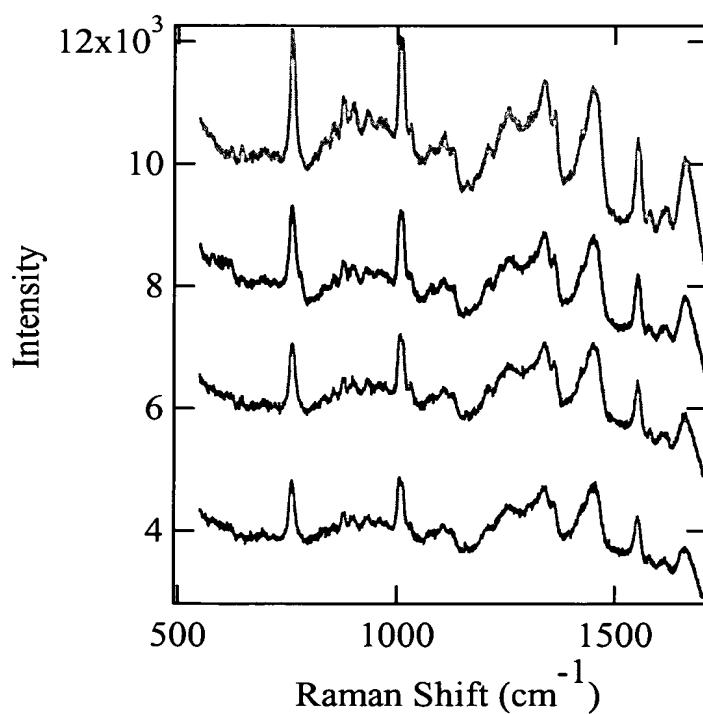
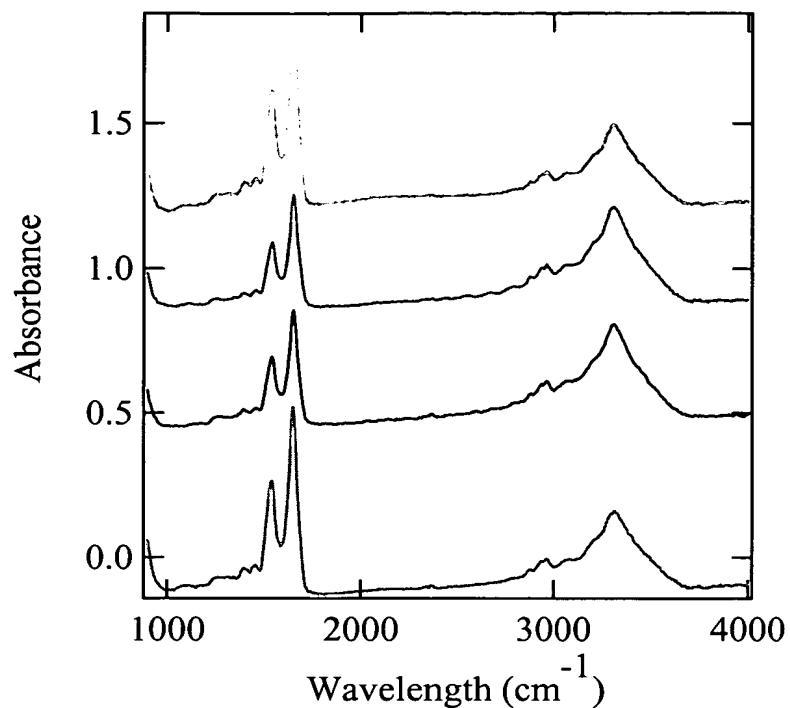


Fig. 28B

Fig. 29A

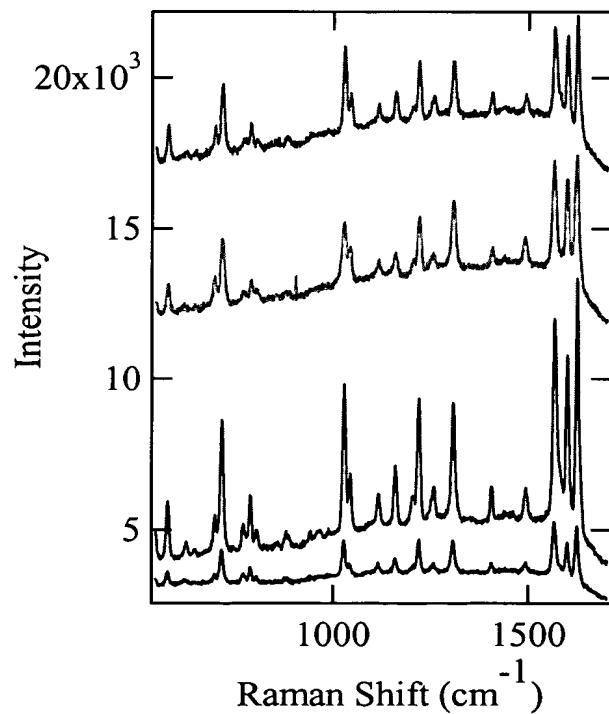
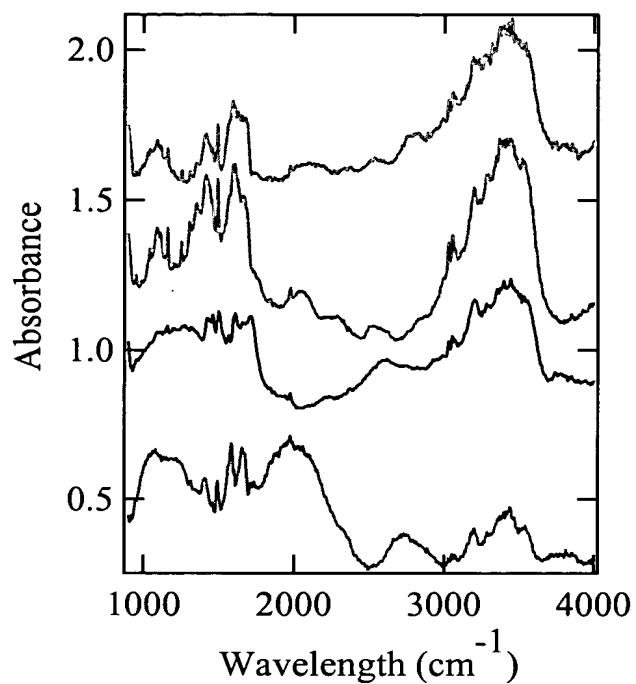


Fig. 29B

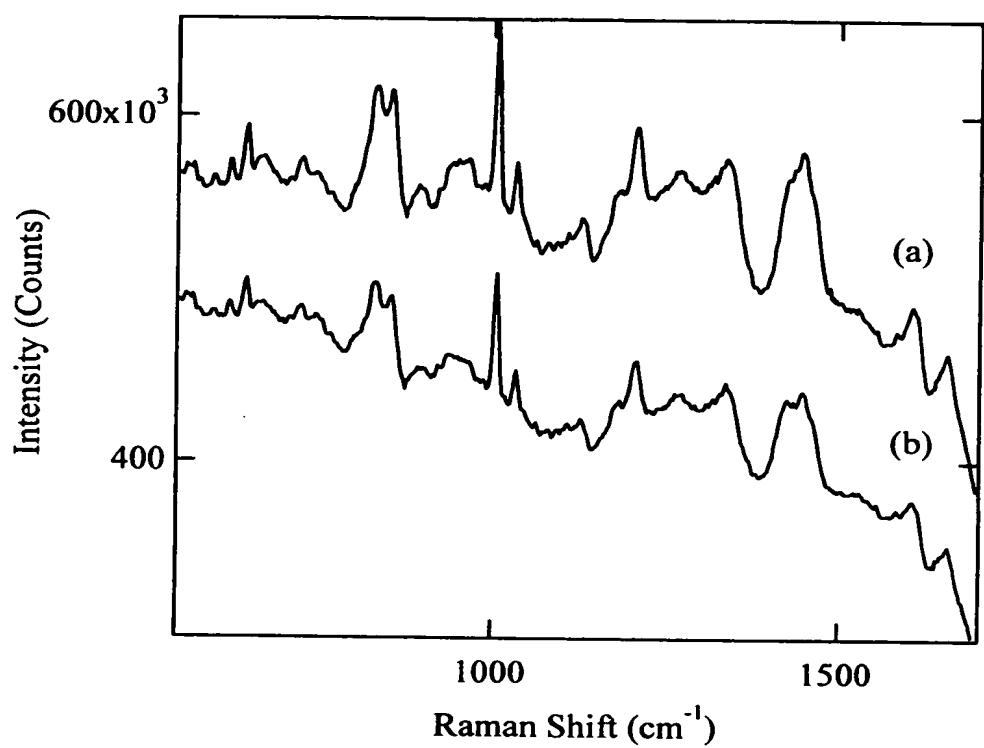


FIG. 30

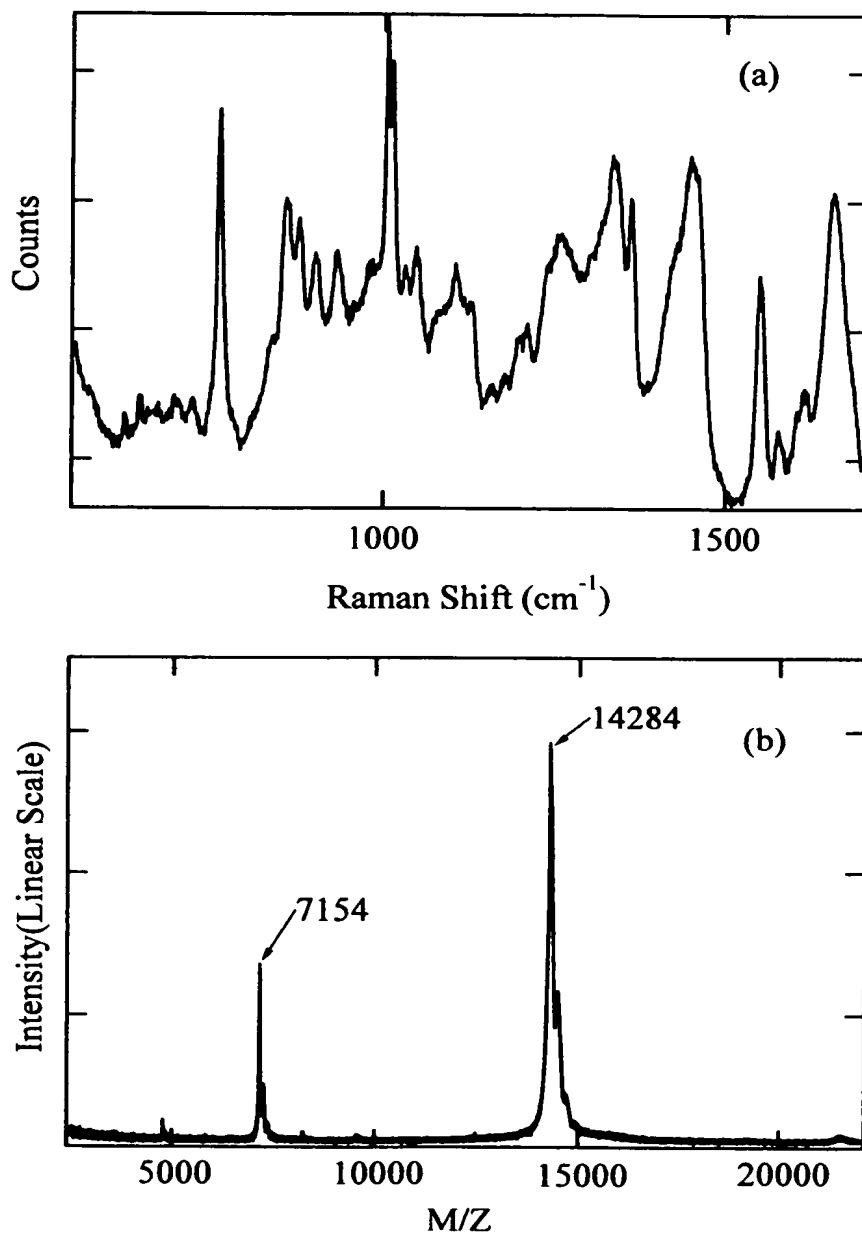


FIG. 31

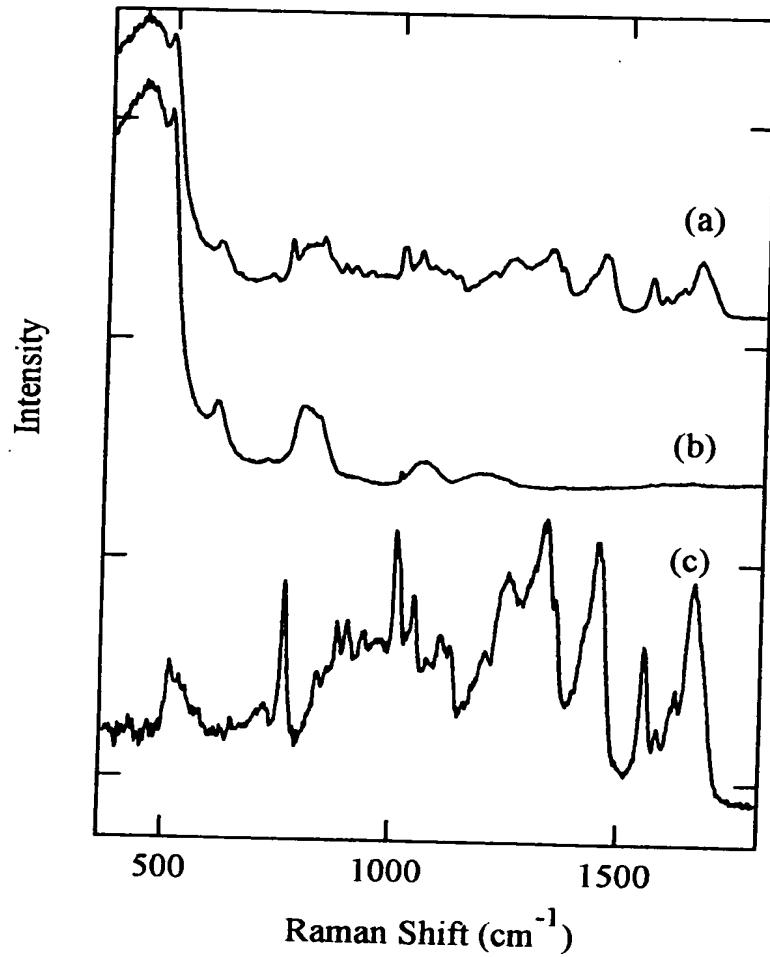


FIG. 32

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